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Leslie Hubricht (1908-2005), his publications and new taxa*

Jochen Gerber

Zoology Department, Field Museum of Natural History, 1400 S. Lake Shore Drive, Chicago, Illinois 60605-2496, U.S.A.
Corresponding author: jgerber@fieldmuseum.org

Abstract: Leslie Hubricht (1908-2005) was one of the leading experts for the taxonomy, distribution and ecology of terrestrial gastropods of the eastern United States. He published more than 150 papers and introduced 108 new names for molluscan taxa from this area. Over six decades, he amassed a collection of 43,000 lots of eastern North American terrestrial gastropods with approximately 500,000 specimens, now housed in the Field Museum of Natural History, Chicago. Besides his work on molluscs, he also did extensive research on freshwater crustaceans (Isopoda and Amphipoda) of the eastern U. S., describing 40 new taxa in this group. This paper provides complete lists of Hubricht's publications and of his new taxa in the Mollusca and Crustacea. A brief biographical sketch of Hubricht and a list of taxa named for him are also given.

Key words: bibliography, Gastropoda, Isopoda, Amphipoda, eastern North America

Leslie Hubricht (1908-2005) was one of the leading experts for the taxonomy, distribution, and ecology of North American non-marine gastropods in the 20th century. Solem (1986) published an account of Hubricht's life and scientific contributions, mainly based on conversations he had with Hubricht during a visit at his Meridian, Mississippi home in April 1986. The following biographical sketch is largely based on Solem's paper with some additional information from Solem's notes, correspondence files, and Hubricht's collection catalogs kept in the Division of Invertebrates, Field Museum of Natural History, Chicago.

BIOGRAPHICAL SKETCH

Leslie Hubricht was born on January 11, 1908, in Los Angeles, California. His family moved to Kokomo, Indiana in 1917 and to St. Louis, Missouri in 1923. Hubricht's formal education ended with the completion of the first semester of high school in Kokomo. During the following years he had a variety of temporary jobs. In the mid-1930s the botanist and geneticist Edgar Anderson at the Missouri Botanical Garden hired Hubricht as his research assistant, a position Hubricht held for 7½ years, until Anderson left St. Louis in 1943. Around 1940 Hubricht was offered a scholarship at the University of Chicago, despite his incomplete high school education. Having no interest in teaching and, as he told Alan Solem, a distaste for "faculty life," he turned it down. Hubricht expected to be drafted in World War II but was not. So, upon Anderson's departure from St. Louis, he had to find a new job. He found employment with Remington Rand, as a mechanic for tabulating machines. Later he serviced computers for Remington Rand's successor company, UNIVAC. He stayed with Remington Rand/UNIVAC until his retirement in 1973.

Hubricht's interest in natural history was already apparent during his childhood in California and Indiana. In the St. Louis area he joined a group of like-minded amateur naturalists and a few professional biologists in the Webster Groves Nature Study Society. He explored, observed and collected plants, crustaceans, molluscs and other animals and began to publish on these topics. His time in the intellectually stimulating environments of the Nature Study Society and with Anderson at the Botanical Garden gave Hubricht much of the skills and knowledge that he had not received through a formal education. From 1950 on, he concentrated his work on eastern North American non-marine molluscs, and all of his publications from this point on, with a single exception, were malacological in nature. He continued, however, to collect other groups, such as planarians, millipedes, beetles, and salamanders which he forwarded to specialists in the respective fields. Two plants, a lichen, and 26 animals (21 of the latter non-molluscs) that have been named for him show his outstanding contributions as a collector not only of molluscs but other groups as well.

Over six decades, Hubricht collected at thousands of stations, covering a large part of the United States east of the Rocky Mountains. While employed with Remington Rand/UNIVAC he was frequently transferred. Between 1943 and 1961, he moved 26 times and lived in 22 different cities in

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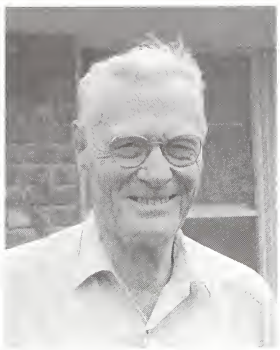

Figure 1. Leslie Hubricht in 1986 (photograph by A. Solem).

13 different states, before finally settling down in Meridian, Mississippi. The frequent transfers gave him the opportunity to explore a new snail hunting ground every couple of months or years. In addition, he spent his vacations collecting in yet different areas. The hand-written catalog of his collections was begun in 1929. The last entry of 1987 has the number 49,004. This enormous figure includes thousands of lots of arthropods, freshwater and exotic molluscs that he gave away when he concentrated his efforts on eastern gastropods from ca. 1950 on. In the end the collection contained ca. 43,000 North American gastropod lots, among them more than 5,000 alcohol-preserved, with an estimated 500,000 specimens.

Hubricht's bibliography has 158 entries (151 original papers, a few published in widely separated parts which are listed separately below, plus several re-printings). He introduced 40 new names in the Crustacea and 108 (including one replacement name) in the Mollusca. He summarized his unprecedented distributional data in his 1985 milestone publication, *The Distributions of the Native Land Molluscs of the Eastern United States*. It was an instant classic and, to this date, remains an indispensable source for anybody who works with terrestrial gastropods in the eastern U. S.

In 1990, Hubricht deposited his collection in the Field Museum of Natural History, Chicago. He moved to a nursing home in Meridian, Mississippi in 1994. After a period of physical and mental decline, Hubricht died in the nursing home on September 19, 2005, 97 years of age.

The available information about Hubricht's character and private life is scarce and largely anecdotal. He apparently didn't socialize much. He seems to have never been married or otherwise attached. When living in Meridian from the 1960s on, he had neither a telephone nor a television. His house was Spartan. Alan Solem (*in litt.*, 1986) described Hubricht's daily routine: "Lunch at 11, light dinner by himself at 4:30, bed at 9, up at 6." Natural history, it seems, was Hubricht's only passion.

Hubricht did not always think kindly of colleagues. He rarely collaborated with others and he could be quite competitive at times. On the other hand, he did share his immense experience and helped many colleagues, often at the start of their careers, with identifications and advice.

Hubricht's scientific achievements would have been very considerable for any professional malacologist with the resources of a museum or university at his hands. It is amazing that Hubricht accomplished them with only a rudimentary formal education, without the infrastructure provided by a major institution, without financial support, mostly without collaborators, and in the spare time left to him by his full-time job. To achieve this, it took a person extraordinarily gifted and focused, who, at the same time, was willing to forgo a family life, an academic career, and many amenities of what is commonly regarded a comfortable life: Leslie Hubricht.

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1990 (Hershler, R., J. R. Holsinger, and L. Hubricht). A revision of the North American freshwater snail genus *Fontigens* (Prosobranchia: Hydrobiidae). *Smithsonian Contributions to Zoology* **509**: i-iii, 1-49.

SCIENTIFIC NAMES INTRODUCED BY LESLIE HUBRICHT

Separate lists are provided for molluscan names and crustacean names. New taxa (subspecies, species, subgenera and genera) named by Hubricht are listed alphabetically. Each name is followed by the citation of the original description, the type locality (for species and subspecies) or type species (for genera and subgenera), the type material, and, if necessary, remarks.

Collection Abbreviations

ANSP	Academy of Natural Sciences of Philadelphia, Pennsylvania
FMNH	Field Museum of Natural History, Chicago, Illinois (sometimes referred to in Hubricht papers as Chicago Natural History Museum = CNHM)
JM	John G. Mackin Collection
LH	Leslie Hubricht Collection
UMMZ	University of Michigan Museum of Zoology, Ann Arbor, Michigan
USNM	National Museum of Natural History, Washington, D.C.

Other Abbreviations

HT	holotype
PT	paratype(s)

Molluscan names introduced by Leslie Hubricht

With very few exceptions, Hubricht chose one lot in his collection as the type series of his new molluscan species and subspecies. Its collecting site became the type locality. He designated one specimen from the lot as the holotype which he deposited in a public collection. The rest of the lot were designated paratypes. He usually deposited a number of them in the same institution as the holotype, and sometimes, additional ones in other institutions. The remaining paratypes were retained in his private collection. In the vast majority of his descriptions of new mollusc species and subspecies, Hubricht provided the catalog number of the paratype lot in his collection (from which the holotype and paratypes deposited in a museum had also been taken). These paratype lots were, with few exceptions, in the Hubricht collection when it was transferred to the Field Museum of Natural History, and in the following list their Field Museum catalog numbers are given. Hubricht's catalog number for his type series which he split into the holotype and one or more paratype lots is given in parentheses.

affinis Hubricht, 1954; *Triodopsis fallax*
The Nautilus **68**: 28—South Carolina: Richland Co.: waste ground, Huger and Richland Sts., Columbia. HT: ANSP 191307; PT: ANSP 191308, FMNH 265909 (LH 11451).

alethia Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 44, text figs. 25-27, 43—Tennessee: Roane Co.: wooded hillside, 2.4 miles southwest of Blair. HT: FMNH 171666; PT: FMNH 171667, FMNH 249227 (LH 27385).

amicalola Hubricht, 1976; *Paravitrea*
Malacological Review **9**: 129, text figs. 14-15—Georgia: Dawson Co.: below Amicalola Falls. HT: FMNH 170937; PT: FMNH 170938, FMNH 248896 (LH 25811).

angellum Hubricht, 1958; *Stenotrema*
Transactions of the Kentucky Academy of Science **19**: 70—Kentucky: Jessamine Co.: Jessamine Creek bluff, at Glass Mill, southeast of Wilmore cedar woods, Camp Nelson. HT: USNM 622091; PT: USNM 622092, FMNH 258660 (LH 19036).

Antrobia Hubricht, 1971 (new genus)
The Nautilus **84**: 95. Type species: *Antrobia culveri* Hubricht, 1971.

antroecetes Hubricht, 1940; *Amnicola aldrichi*
The Nautilus **53**: 120, pl. 14 figs. I, J, K—Illinois: St. Clair Co.: Stemmler's Cave, 2 miles south of Bluffside. HT: ANSP 175554; PT: ANSP 175555, FMNH 16093, 283218 (LH A4295).

Antroselates Hubricht, 1963 (new genus)
The Nautilus **76**: 138. Type species: *Antroselates spiralis* Hubricht, 1963.

anurus Hubricht, 1962; *Mesomphix*
The Nautilus **76**: 2, pl. 1 fig. C, text. fig. 1E—Tennessee: Macon Co.: hillside, above Ann White Cave, 6 miles west of Lafayette. HT: FMNH 111660; PT: FMNH 111661, FMNH 244288 (LH 18296).

aprica Hubricht, 1968; *Catinella*
The Nautilus **82**: 68, text fig. 1j, 2k-l—Alabama: Washington Co.: cedar glade, 1.5 miles north of St. Stephens. HT: FMNH 156933; PT: FMNH 156934, FMNH 236591 (LH 34410).

arcellus Hubricht, 1976; *Ventridens*
Malacological Review **9**: 129, text figs. 16-18—Tennessee: Sevier Co.: 6600 ft., Clingmans Dome, Great Smoky Mountains National Park. HT: FMNH 170935; PT: FMNH 170936, FMNH 246662 (LH A9162).

bakeri Hubricht, 1963; *Succinea*
The Nautilus **76**: 136, pl. 8 upper figs.—Illinois: St. Clair Co.: loess, Stolle. HT: FMNH 116914 [erroneously as 116915 in the original description]; PT: FMNH 116913, FMNH 235588 (LH A2150).

barri Hubricht, 1962; *Helicodiscus (Troglodiscus)*
The Nautilus **75**: 105, pl. 9 figs. R-T—Tennessee: Dickson Co.: in Columbia Caverns, 2 miles southwest of Van Leer. HT: UMMZ 207799; PT: UMMZ 207800, FMNH 239122 (LH 17446).

bellona Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 46, text figs. 28-30, 35—West Virginia: Logan Co.: wooded hillside, 0.5 mile northwest of Earling. HT: FMNH 187066; PT: FMNH 187067, FMNH 249563 (LH 46090).

bideus Hubricht, 1963; *Paravitrea*
The Nautilus **76**: 140, pl. 9 fig. A—Alabama: Claiborne Co.: ravine, 4 miles northeast of Grantley. HT: FMNH 116940; PT: FMNH 116941, FMNH 248914 (LH 26153).

blarina Hubricht, 1963; *Paravitrea*
The Nautilus **76**: 141, pl. 9 fig. B—Tennessee: Anderson Co.: wooded hillside, 1.7 miles northeast of Clinton. HT: FMNH 116938; PT: FMNH 116939, FMNH 248877 (LH 27896).

bonamicus Hubricht, 1978; *Helicodiscus*
Malacological Review **10**: 49, text figs. 37-40—North Carolina: Macon-Swain Co. line: base of mountain, Nantahala Gorge, near Handpole Creek, 0.4 mile north of Beechertown. HT: FMNH 187064; PT: FMNH 171321, FMNH 187065, FMNH 239092 (LH 45824).

burchi Hubricht, 1950; *Triodopsis tennesseensis*
The Nautilus **64**: 8—along U. S. 58, 3 miles west of Danville, Pittsylvania Co., Virginia. HT: ANSP 186178, PT: ANSP 186178; FMNH 266221 (LH A8422).

burringtoni Hubricht, 1958; *Mesodon*
Transactions of the Kentucky Academy of Science **19**: 71—Virginia: Smyth Co.: near North Fork Holston River, Chatham Hill. HT: ANSP 202184; PT: ANSP 202183, FMNH 262414 (LH A9020).

calvescens Hubricht, 1961; *Stenotrema*
The Nautilus **75**: 28, pl. 4 figs. P, Q—Tennessee: Marion Co.: Cumberland Mtn., 1 mile east of Monteagle. HT: UMMZ 205898; PT: UMMZ 205897, FMNH 257021 (LH A9690).

caudida Hubricht, 1983; *Praticolella*
The Veliger **25**: 246, text figs. 7-9—San Benito, Cameron Co., Texas. HT: FMNH 198745; PT: FMNH 198746, FMNH 259312 (LH 14363).

ceres Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 46, text figs. 28-30, 35—West Virginia: Pocahontas Co.: wooded hillside, Buckeye. HT: FMNH 187062; PT: FMNH 187063, FMNH 249226 (LH 45975).

clappi Hubricht, 1959; *Carychium*

The Nautilus **73**: 36. [New name for *Carychium costatum* Hubricht, 1951, not *C. costatum* Freyer, 1855: 20, pl. 1 fig. 5.]

collinus Hubricht, 1951; *Philomycus carolinianus*

The Nautilus **65**: 21—upland oak woods, 7.5 miles east of Wilkesboro, Wilkes Co., North Carolina. HT: ANSP 187431; PT: FMNH 293805 (LH A9966).

cora Hubricht, 1979; *Amnicola*

The Nautilus **93**: 142, text figs. 1-3—Arkansas: Independence Co.: stream in Foushee Cave [erroneously as "Foushee Case" in the original description], 3 miles west of Locust Grove. HT: FMNH 193762; PT: FMNH 193763, FMNH 283375 (LH 47584), FMNH 283069 (LH 47585). [Volume **93**, number 4 of *The Nautilus* is erroneously identified as Vol. **94**, no. 4 on p. iii and in the page headers throughout the issue, but correct volume and number are given on the cover.]

costatum Hubricht, 1951; *Carychium*

The Nautilus **65**: 59—West Virginia: Fayette Co.: below Cane Branch Falls, 1.3 miles southeast of Gauley Bridge. HT: ANSP 187102; PT: FMNH 229290 (LH A8764).

cryptica Hubricht, 1963; *Fontigens*

The Nautilus **76**: 139, pl. 8 figs. E, F—Indiana: Clarke Co.: under stones in a small spring, 3 miles west of Bethlehem. HT: FMNH 116919; PT: FMNH 283219 (LH 16469).

culveri Hubricht, 1971; *Antrobia*

The Nautilus **84**: 95, text figs. 4-6—Missouri: Taney Co.: stream in Tumbling Creek Cave, 4.5 miles northeast of Protem. HT: FMNH 164171; PT: FMNH 164170, FMNH 268210 (LH 38780), FMNH 268211 (LH 36263), FMNH 268212 (LH 36840).

delecta Hubricht, 1976; *Polygyra*

Malacological Review **9**: 126, text figs. 1-4—Florida: Levy Co.: wet roadside, 3 mi north-northwest of Raleigh. HT: FMNH 170933; PT: FMNH 170934, FMNH 255824 (LH 40853).

dentilla Hubricht, 1978; *Paravitrea*

Malacological Review **10**: 41, text figs. 13-15—Virginia: Washington Co.: base of mountain 1 mile south of Damascus. HT: FMNH 171656; PT: FMNH 171657, FMNH 248919 (LH 10650).

derochetus Hubricht, 1962; *Mesomphix*

The Nautilus **76**: 4, pl. 1 fig. B, text. figs. 1B—Kentucky: Mercer Co.: Kentucky River bluff, 1 mile northeast of Shakertown. HT: FMNH 111658; PT: FMNH 111659, 244158 (LH 13394).

diana Hubricht, 1983; *Paravitrea*

Gastropodia **2**: 14, text figs. 1-3, 7, 9—Georgia: Floyd County, wooded hillside above cave, Cave Spring. HT: FMNH 200990; PT: FMNH 200991, FMNH 249225 (LH 25903).

edentulus Hubricht, 1963; *Discus patulus*

The Nautilus **77**: 63—Ozark region, ... also ... in Cheatum County, Tennessee. HT: ANSP 89934a [Hubricht describes *edentulus* as a new subspecies and gives the following synonymy: "*Discus patulus* form *edentulus* Pilsbry. 1948. *Land Moll. N. Amer.* **2**: 610, fig. 330c." He gives no indication of what the type specimens are. Likewise, Pilsbry (1948: 610, fig. 330c) had described his *Discus patulus* form *edentulus* without indication of types. H. B. Baker (1962: 8) subsequently designated a specimen from Magazine Mountain as the lectotype of *edentulus* Pilsbry. As a consequence of Hubricht synonymizing *edentulus* Pilsbry with *edentulus* Hubricht, the lectotype of the former is also the holotype of the latter.]

enneodon Hubricht, 1965; *Helicodiscus*

The Nautilus **79**: 6, pl. 2 figs. j-l—Tennessee: Claiborne Co.: on the underside of stones, Clinch River bluff, 4.5 miles southeast of Springdale. HT: FMNH 135316; PT: FMNH 135317, FMNH 239076 (LH 32382).

floridana Hubricht, 1983; *Truncatella*

Gastropodia **2**: 19, text figs. 13, 16, 20—Florida: Collier Co.: base of a shell-mound, Chokoloskee. HT: FMNH 206231; PT: FMNH 206232 (LH 39249).

fulciden Hubricht, 1952; *Triodopsis*

The Nautilus **65**: 81—North Carolina: Catawba Co.: upland oaks woods, 3.4 miles west of Conover. HT: ANSP 188292; PT: ANSP 188291 [erroneously as 188290 in the original description], FMNH 62292, 266316 (LH 10935).

gracilis Hubricht, 1961; *Polygyra*

The Nautilus **75**: 26, pl. 4 figs. N, O—Texas: Comal Co.: Guadelupe River bluff, 2 miles south of Sattler. HT: UMMZ 205894; PT: UMMZ 205893, FMNH 256385 (LH 14834).

grimmi Hubricht, 1968; *Paravitrea*

The Nautilus **82**: 66, text figs. 1g-i—Virginia: Alleghany Co.: under leaves on a sparsely wooded limestone hillside near an old quarry, 9 miles north-northeast of Covington. HT: FMNH 156935; PT: FMNH 156936, FMNH 249577 (LH 36263).

hadenoecus Hubricht, 1962; *Helicodiscus*

The Nautilus **75**: 106, pl. 8 figs. J-K, pl. 9 fig. U—Kentucky: Van Buren Co.: in McElroy Cave, 1.5 miles northeast of Bone Cave Post Office. HT: UMMZ 207801; PT: UMMZ 207802, FMNH 239130 (LH 17444).

hera Hubricht, 1983; *Paravitrea*

Gastropodia **2**: 15, text figs. 4-6, 8—Virginia: Pittsylvania Co.: Staunton River bluff, near Hirt. HT: FMNH 200992; PT: FMNH 200993, FMNH 249228 (LH A8566).

hexodon Hubricht, 1966; *Helicodiscus*

The Nautilus **80**: 55, pl. 3 figs. j-l—Tennessee: Bledsoe Co.: base of Walden Ridge, 2.5 miles southeast of Pikeville. HT: FMNH 147046; PT: FMNH 147041 [erroneously as 147047 in the original description], FMNH 239099 (LH 30918).

holsingeri Hubricht, 1976; *Fontigens*

The Nautilus **90**: 86, text fig. 1a—West Virginia: Randolph Co.: stream in Harman Cave, 0.5 mile southwest of Harman. HT: FMNH 170893; PT: FMNH 170892 [erroneously as 170392 in the original description], FMNH 283221 (LH 42560), FMNH 283222 (LH 43635).

insolita Hubricht, 1940; *Amnicola aldrichi*

The Nautilus **53**: 119, pl. 14 figs. B, C—Missouri: Wayne Co.: Coldwater Spring, Coldwater. HT: ANSP 175556; PT: ANSP 175557, FMNH 16097 (LH A4418).

jacksoni Hubricht, 1962; *Helicodiscus*

The Nautilus **75**: 106, pl. 8 figs. L-M, pl. 9 fig. Q—Maryland: Dorchester Co.: subfossil, in shell mound near beach, 0.5 mile west of Elliott. HT: UMMZ 207803; PT: UMMZ 207804, FMNH 243055 (LH 22476).

kalmianus Hubricht, 1965; *Mesodon*
The Nautilus **79**: 4, pl. 2 figs. a-c—Kentucky: Laurel Co.: near Laurel River, Lily. HT: FMNH 135311; PT: FMNH 135312, FMNH 264137 (LH 17922).

lamellatum Hubricht, 1951; *Punctum (Pseudopunctum)*
The Nautilus **65**: 58—Virginia: Bedford Co.: among leaves, summit of Smith Mountain, 20 miles south of Bedford. HT: ANSP 187103; PT: FMNH 234983 (LH A8674).

lapilla Hubricht, 1965; *Paravitrea*
The Nautilus **79**: 5, pl. 2 figs. g-i—Tennessee: Davidson Co.: Stones River bluff, Todd Knob, Donelson. HT: FMNH 135313; PT: FMNH 135314, FMNH 249569 (LH 29589).

latebricola Hubricht, 1968; *Glyphyalinia*
The Nautilus **82**: 64, text figs. 1d-f—Alabama: Madison Co.: on the undersides of stones, base of Burwell Mtn., east of Jeff. HT: FMNH 156939; PT: FMNH 156940, FMNH 241171 (LH 35336).

lirellus Hubricht, 1975; *Helicodiscus*
The Nautilus **89**: 2, text figs. 10-12—Virginia: Rockbridge Co.: burrowing in shale rubble at base of hill, opposite Denmark Store, 10 miles northwest of Lexington. HT: UMMZ 232588; PT: UMMZ 232589, FMNH 239094 (LH 42020).

lithica Hubricht, 1961; *Polygyra*
The Nautilus **75**: 27, pl. 4 figs. L, M—Arkansas: Stone Co.: upland oak-hickory woods, 6 miles east of Mountain View. HT: UMMZ 205896; PT: UMMZ 205895, FMNH 256372 (LH 15917).

luticola Hubricht, 1966; *Glyphyalinia*
The Nautilus **80**: 54, pl. 3 figs. d-f—Alabama: Baldwin Co.: swamp, Lillian. HT: FMNH 147043; PT: FMNH 147042 [erroneously as 147044 in the original description], FMNH 241539 (LH 33431).

messana Hubricht, 1952; *Triodopsis*
The Nautilus **65**: 80—Virginia: Columbus Co.: Whiteville. HT: ANSP 188295; PT: ANSP 188295, FMNH 266061 (LH 10166).

metallacta Hubricht, 1963; *Paravitrea*
The Nautilus **76**: 142, pl. 9 fig. D—Tennessee: DeKalb Co.: wooded hillside, 10 miles northeast of Smithville. HT: FMNH 116934; PT: FMNH 116935, FMNH 249449 (LH 29500).

mira Hubricht, 1975; *Paravitrea*
The Nautilus **89**: 1, text figs. 4-6—Virginia: Buchanan Co.: ravine, 2.5 miles west-southwest of Council. HT: UMMZ 232584; PT: UMMZ 232585, FMNH 248935 (LH 42109).

missoula Hubricht, 1982; *Oxyloma*
Canadian Journal of Zoology **60**: 1611, text fig. 3—Montana: Lake Co.: Ninepipes National Wildlife Refuge, 10 miles south of Flathead Lake. HT: FMNH 200994; PT: FMNH 200995, FMNH 235504 (LH 47165).

monodon Hubricht, 1964; *Ventridens*
Malacologia **1**: 420, pl. 1 figs. G-L—Alabama; Butler Co.; ravine, 3 miles northwest of McKenzie. HT: FMNH 127738; PT: FMNH 127739, FMNH 127740, FMNH 247274 (LH 23293).

morosum Hubricht, 1978; *Stenotrema*
Malacological Review **10**: 37, text figs. 1-3—Tennessee: Sullivan Co.: fossil, in Bakers Bluff Cave, Halls Mill. HT: FMNH 187059; PT: FMNH 187060, FMNH 258636 (LH 45652).

morrisoni Hershler, Holsinger and Hubricht, 1990; *Fontigens*
Smithsonian Contributions to Zoology **509**: 28, text figs. 21-23—A small spring-fed brook SW of Mustoe (along HW 220), Highland Co., Virginia. HT: USNM 860466; PT USNM 860467.

multidens Hubricht, 1962; *Helicodiscus*
The Nautilus **75**: 102, pl. 7 figs. D-F, text fig. 1—Tennessee: DeKalb Co.: in Jim Cave, 1.5 miles southeast of Dowelltown. HT: UMMZ 207798; PT: FMNH 239080 (LH 17063).

mutabilis Hubricht, 1951; *Pallifera*
The Nautilus **65**: 57—upland oak woods, just west of Schoolfield, Pittsylvania Co., Virginia. HT: ANSP 187104; PT: FMNH 294683 (LH A9623).

notius Hubricht, 1962; *Helicodiscus*
The Nautilus **75**: 104, pl. 9 figs. N-P—Alabama: Jackson Co.: side of Keel Mtn., Paint Rock. HT: UMMZ 207792; PT: UMMZ 207793, FMNH 239921 (LH 17588).

ocoae Hubricht, 1978; *Glyphyalinia*
Malacological Review **10**: 39, text figs. 4-6, 34—Tennessee: Polk Co.: ravine, 6 miles east of Parksville. HT: FMNH 187070; PT: FMNH 187071, FMNH 241662 (LH 45209).

orestes Hubricht, 1975; *Mesodon*
The Nautilus **89**: 1, text figs. 1-3—North Carolina: Haywood Co.: 6200 ft., Waterrock Knob, Blue Ridge Parkway. HT: UMMZ 232583; PT: UMMZ 232582, FMNH 262218 (LH 40465).

orolibas Hubricht, 1957; *Fontigens*
The Nautilus **71**: 9—Virginia: Shenandoah National Park: Madison Co.: spring, Hawksbill Shelter. HT: USNM 618868; PT: USNM 618869, FMNH 283272 (LH 12059), FMNH 283280 (LH 12059).

palustris Hubricht, 1958; *Triodopsis*
Transactions of the Kentucky Academy of Science **19**: 74—South Carolina: Berkeley Co.: flood-plain of Santee River, 5.5 miles northwest of St. Stephens. HT: ANSP 202187; PT: ANSP 202188, FMNH 266336, 268037 (LH 10410).

panselenus Hubricht, 1976; *Mesodon*
Malacological Review **9**: 127, text figs. 5-7—Virginia: Buchanan Co.: low ground near creek, 2.2 mi southwest of Vansant. HT: FMNH 170940; PT: FMNH 262296 (LH 42130).

paralia Hubricht, 1983; *Succinea*
Gastropodia **2**: 15, text fig. 10—Texas: Calhoun Co.: salt marsh, 4.3 miles northeast of Port Lavaca. HT: FMNH 200996 [erroneously as FMNH 200997 in the original description, correct number given in a correction page distributed by Hubricht]; PT: FMNH 200997, FMNH 235582 (LH 47828).

pecki Hubricht, 1966; *Glyphyalinia*
The Nautilus **80**: 55, pl. 3 figs. g-i—Alabama: Jefferson Co.: in McClunney (Alabama Crystal) Cave, 2 miles west of Clay. HT: FMNH 147045; PT: FMNH 147044, 241694 (LH 34487).

pendula Hubricht, 1952; *Triodopsis*
The Nautilus **65**: 82—North Carolina: Stokes Co.: summit of Hanging Rock Mtn., Hanging Rock State Park. HT: ANSP 188293; PT: ANSP 188294, FMNH 62291, 154436, 266358 (LH A9637).

picea Hubricht, 1958; *Triodopsis*
Transactions of the Kentucky Academy of Science **19**: 73—Virginia: Pendleton Co.: 4400 ft, Spruce Knob. HT: ANSP 202186; PT: ANSP 202185, FMNH 264411 (LH 11895).

picea Hubricht, 1976; *Glyphyalinia*
Malacological Review **9**: 127, text figs. 8-13—West Virginia: Pendleton Co.: 4500 ft., east side of Spruce Knob. HT: FMNH 170939; PT: FMNH 241176 (LH 40599).

pilsbryi Hubricht, 1964; *Ventridens*
Malacologia **1**: 418, pl. 1 figs. A-F—Tennessee; Monroe Co.; near Citico Creek, at mouth of Hell Hole Branch, Cherokee National Forest. HT: FMNH 127735; PT: FMNH 127736, FMNH 127737, FMNH 248121 (LH 27051).

proserpina Hubricht, 1940; *Annicola*
The Nautilus **53**: 121, pl. 14 figs. L, M—Missouri: Jefferson Co.: Rice's Cave, 3 miles northeast of Goldman. HT: ANSP 175558; PT: ANSP 175559, FMNH 16095, 283302 (LH A4676).

pugilator Hubricht, 1961; *Catinella*
The Nautilus **75**: 61, pl. 4 figs. I-K, text figs. 1D, E—North Carolina: Currituck Co.: salt marsh, 0.5 mile south of Maple. HT: UMMZ 205889; PT: UMMZ 205890 (erroneously as 29589D in the original description), FMNH 236555 (LH 20980).

pyrites Hubricht 1960; *Succinea*
The Nautilus **73**: 113—Cape May, New Jersey. HT: ANSP 67795; PT: ANSP 189420, ANSP 247364, FMNH 235613 (LH 20614).

regina Hubricht, 1983; *Truncatella*
Gastropodia **2**: 18, text figs. 11, 12, 14, 18—Florida: Monroe Co.: strand, Indian Key Fill, just south of Tea Table Channel. HT: FMNH 200998; PT: FMNH 200999, FMNH 224229 (LH 47122).

rimula Hubricht, 1968; *Glyphyalinia*
The Nautilus **82**: 63, text figs. 1a-c—Tennessee: Cannon Co.: in Tenpenny Cave, 2 miles northwest of Woodbury. HT: FMNH 156937; PT: FMNH 156938, FMNH 241639 (LH 36847).

riparium Hubricht, 1978; *Carychium*
Malacological Review **10**: 50, text fig. 41—Kentucky: Meade Co.: near Doe Run, 3 miles east of Brandenburg. HT: FMNH 171659; PT: FMNH 171658, FMNH 229626 (LH 19566).

rugoderma Hubricht, 1938; *Anguispira*
The Nautilus **51**: 131—under logs in well developed, second-growth, deciduous forest, lower half of the north side of Pine Mountain, 5.6 miles east of Pineville, Bell Co., Kentucky. HT: ANSP 169882; PT: LH A3892 [not in FMNH].

ruidus Hubricht, 1958; *Mesomphix*
Transactions of the Kentucky Academy of Science **19**: 74—Kentucky: Meade Co.: Ohio River flood-plain, just east of Brandenburg. HT: ANSP 202182; PT: ANSP 202181, FMNH 111657, 244162 (LH 16451).

scintilla Pilsbry and Hubricht, 1956; *Polygyra*
The Nautilus **69**: 94, pl. 5 figs. 3, 3a—Texas: Willacy Co.: along the railroad, 1.5 miles north of Raymondville. HT: ANSP 196560; PT: ANSP 196559, FMNH 62359, 255901 (LH 14407).

sellatus Hubricht, 1972; *Philomycus*
The Nautilus **86**: 17, text figs. 1d-e—Alabama: Jackson Co.: wooded hillside, 1.7 miles northeast of Princeton. HT: FMNH 157322; PT: FMNH 294094 (LH 30066).

septadens Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 39, text figs. 7-9—Virginia: Dickenson Co.: ravine, 1.6 miles west-northwest of Bee. HT: FMNH 171660; PT: FMNH 171661, FMNH 249133 (LH 44932).

seradens Hubricht, 1972; *Paravitrea*
The Nautilus **86**: 16, text figs. 1a-c—West Virginia: Fayette Co.: below Cane Branch Falls, 1.5 miles east of Gauley Bridge. HT: FMNH 173020; PT: FMNH 173021, FMNH 249203 (LH A8774).

shimeki Hubricht, 1962; *Helicodiscus*
The Nautilus **75**: 103, pl. 7 figs. A-C—Iowa: Delaware Co.: Backbone State Park. HT: UMMZ 207796; PT: UMMZ 207797, FMNH 239147 (LH 13807).

solastra Hubricht, 1961; *Succinea*
The Nautilus **75**: 29, pl. 4 figs. A-C, text fig. 1B—Texas: Hidalgo Co.: near Bentzen Rio Grande Valley State Park. HT: UMMZ 205900; PT: UMMZ 205899, FMNH 235712 (LH 14322).

specus Hubricht, 1962; *Helicodiscus notius*
The Nautilus **75**: 105, pl. 8 figs. G-I—Kentucky: Barren Co.: in Burnette Cave, 0.6 mile west of Park City. HT: UMMZ 207794; PT: UMMZ 207795, FMNH 240007 (LH 17027).

specus Hubricht, 1965; *Glyphyalinia*
The Nautilus **79**: 5, pl. 2 figs. d-f—Kentucky: Barren Co.: in Beckton Cave, 0.5 mile northwest of Beckton. HT: FMNH 135315; PT: FMNH 240968 (LH 17218).

spiralis Hubricht, 1963; *Antroselates*
The Nautilus **76**: 138, pl. 8 figs. A, B—Kentucky: Edmonson Co.: Mammoth Cave National Park: Echo River Spring. HT: FMNH 116916; PT: FMNH 116915, FMNH 283078 (LH 16905).

stygia Hubricht, 1971; *Annicola*
The Nautilus **84**: 93, text figs. 1-3—Missouri: Perry Co.: stream in Tom Moore Cave, 3 miles north of Perryville. HT: FMNH 164173; PT: FMNH 164172, FMNH 283070 (LH 38750).

subtilis Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 40, text figs. 10-12—Tennessee: Macon Co.: ravine, 5 miles southeast of Lafayette. HT: FMNH 187068; PT: FMNH 187069, FMNH 248714 (LH 18314 [erroneously as 41651 in the original description]).

tantilla Hubricht, 1963; *Paravitrea*
The Nautilus **76**: 141, pl. 9 fig. C—Tennessee: Grundy Co.: Big Mouth Cave Sink, 4 miles northeast of Pelham. HT: FMNH 116936; PT: FMNH 116937, FMNH 248851 (LH 17531).

tartarea Hubricht, 1963; *Fontigens*
The Nautilus **76**: 140, pl. 8 figs. C, D—West Virginia: Greenbrier Co.: stream in Organ Cave, near Organ Cave Post Office. HT: FMNH 116917; PT: FMNH 116918, FMNH 283303 (LH A4845).

ternaria Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 41, text figs. 16-18—Tennessee: Unicoi Co.: ravine, 0.5 mile northeast of Ernestville. HT: FMNH 171668; PT: FMNH 171669, FMNH 248717 (LH 45076).

teskeyae Hubricht, 1961; *Vertigo*
The Nautilus **75**: 62, text fig. 2—North Carolina: Columbus Co.: bank of canal, west side of Lake Waccamaw. HT: UMMZ 205903; PT: UMMZ 205904, FMNH 233274 (LH 20870).

texana Hubricht, 1961; *Catinella*
The Nautilus **75**: 60, pl. 4 figs. F-H, text figs. 1F-H—Texas: Milan Co.: near small spring, near Brazos River, 4.7 miles northeast of Gause. HT: UMMZ 205892; PT: UMMZ 205891, FMNH 236492 (LH 15427).

tiara Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 44, text figs. 22-24, 42—Alabama: Marshall Co.: wooded hillside, 1.3 miles north of Guntersville. HT: FMNH 171663; PT: FMNH 171662, FMNH 249567 (LH 44645).

toma Hubricht, 1975; *Paravitrea*
The Nautilus **89**: 2, text figs. 7-9—Alabama: Madison Co.: base of Sharp Mtn., near Sneed's Spring, Sharp's Cove, northeast of Maysville. HT: UMMZ 232586; PT: UMMZ 232587, FMNH 248721 (LH 29664).

trimatris Hubricht, 1983; *Praticolella*
The Veliger **25**: 248, text figs. 13-15—Hidalgo, Hidalgo Co., Texas. HT: FMNH 198747; PT: FMNH 198748, FMNH 259296 (LH 14110).

triodus Hubricht, 1958; *Helicodiscus*
Transactions of the Kentucky Academy of Science **19**: 75—West Virginia: Fayette Co.: in shale talus, below Cane Branch Falls, 1.3 miles southeast of Gauley Bridge. HT: ANSP 202180; PT: ANSP 202179, FMNH 239104 (LH A8765).

Troglodiscus Hubricht, 1962 (new subgenus)
The Nautilus **75**: 105. Type species: *Helicodiscus barri* Hubricht, 1962.

trossulus Hubricht, 1966; *Mesodon clausus*
The Nautilus **80**: 53, pl. 3 figs. a-c—Alabama: Clarke Co.: base of bluff of Baileys Creek, 2.5 miles east of Gainestown. HT: FMNH 152202; PT: FMNH 152203, FMNH 264119 (LH 34561).

turritella Hubricht, 1976; *Fontigens*
The Nautilus **90**: 87, text fig. 1b—West Virginia: Greenbrier Co.: stream in McClung's Cave, 2 miles northeast of Maxwelton. HT: FMNH 170891; PT: FMNH 170890, FMNH 283010, 283054, 283311 (LH 38272), FMNH 283310 (LH 40694).

urbana Hubricht, 1961; *Succinea*
The Nautilus **75**: 32, pl. 4 figs. D, E, text figs. 1A, C—Alabama: Montgomery Co.: vacant lot, Dudley St., and Fairview Ave., Montgomery. HT: UMMZ 205901; PT: UMMZ 205902, FMNH 236102 (LH 23392).

varia Hubricht, 1953; *Pallifera*
The Nautilus **66**: 78, pl. 7 figs. 1, 6—Virginia: Madison Co.: near Skyland, Shenandoah Nat. Park. HT: USNM 574701; PT: ANSP 189176, FMNH 294843 (LH 12164).

varidens Hubricht, 1978; *Paravitrea*
Malacological Review **10**: 43, text figs. 19-21—North Carolina: Mitchell Co.: 6250 ft., summit of Roan Mountain. HT: FMNH 171664; PT: FMNH 171665, FMNH 248752 (LH 36513).

venustus Hubricht, 1953; *Philomycus*
The Nautilus **66**: 79, pl. 7 figs. 3, 4—Virginia: Wythe Co.: 4000 ft., below fire tower, Comer's Rock, Iron Mtns. HT: USNM 574700; PT: ANSP 189459, FMNH 294051 (LH A9876).

verus Hubricht, 1954; *Mesodon (Inflectarius)*
The Nautilus **68**: 65—3570 ft., ravine, head of Mt. Sterling Creek, 1 mile north of Mt. Sterling Gap, Haywood Co., North Carolina. HT: USNM 607137; PT: USNM 607138, ANSP 191211, FMNH 262239 (LH 12640).

virginicus Hubricht, 1953; *Philomycus*
The Nautilus **66**: 80, pl. 7 figs. 2, 5—Virginia: Madison Co.: near Skyland, Shenandoah Nat. Park. HT: USNM 574699; PT: ANSP 189175, FMNH 268297, FMNH 294085 (LH 12163).

Crustacean names introduced by Leslie Hubricht

As with the molluscan taxa, one lot from a specific locality (= type locality) was chosen by the taxon's author(s). In contrast to Hubricht's molluscan taxa, however, no holotypes were designated by Hubricht and his co-authors for new crustacean taxa. Instead, "cotypes" were deposited in USNM and other cotypes were retained in the collection(s) of the author(s). Hubricht passed on large parts of his amphipod collection to John R. Holsinger. Most of this material has been transferred to USNM; a smaller part remains in the Holsinger collection which will eventually go to USNM as well (J. R. Holsinger *in litt.*, 2006). In his carcinological publications, Hubricht never mentioned the catalog number of the cotypes in his collection (although crustaceans, as molluscs, were entered in his collection catalog). Furthermore, in his last paper with descriptions of new crustacean species (Hubricht and Mackin 1949), no types are mentioned at all. No type material of these 1949 taxa is cataloged in the USNM isopod collection (M. Schotte *in litt.*, 2006) and the whereabouts of the types are unknown. In the following taxa list, the type material is recorded as given in the original descriptions. In the case of some isopod taxa the type material in USNM has an indication of Hubricht's catalog number on the label, which is then added with the collection acronym LH.

acherondytes Hubricht and Mackin, 1940; *Gammarus*
The American Midland Naturalist **23**: 192, text fig. 2—Morrison's Cave, 2 miles south of Burksville, Monroe County, Illinois. Cotypes: USNM 77802, LH, JM.

acuticarpa Mackin and Hubricht, 1940; *Caecidotea*
Transactions of the American Microscopical Society **59**: 394, pl. 1 fig. 5, pl. 2 figs. 11, 18, pl. 3 figs. 25, 32—Pontotoc County, Oklahoma: Byrd's Mill Spring. Cotypes: USNM 71476, JM, LH.

adenta Mackin and Hubricht, 1940; *Asellus*
Transactions of the American Microscopical Society **59**: 396, pl. 1 fig. 10, pl. 2 figs. 13, 16, 19, pl. 3 fig. 24—bottom of a deep limestone sink cave 15 miles south of Mountain View, Oklahoma, in Kiowa Co. Cotypes: USNM 74845, JM, LH.

alabamae Hubricht and Mackin, 1949; *Lirceus*
The American Midland Naturalist **42**: 340, pl. 2 figs. A-C—Large seeps, 5.3 miles southeast of Mentone, DeKalb Co., Alabama. No type information given.

anomalus Hubricht, 1943; *Crangonyx*
The American Midland Naturalist **29**: 687, pl. 1 figs. A-N—Spring along Bryan Station road, 0.3 mile northeast of Eastin Road, 3 miles northeast of Lexington, Fayette Co., Kentucky. Cotypes: USNM 79329, LH.

balconis Hubricht, 1943; *Stygonectes*
The American Midland Naturalist **29**: 707, pl. 8 figs. A-M—drip-pools in Boyett's Cave, on highway 80, 14 miles northwest of San Marcos, Hays Co., Texas. Cotypes: USNM 79323, LH.

bicuspidatus Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 345, pl. 3 figs. G-I—Temporary stream, 3.6 miles east of Cedar Springs, Cedar Co., Missouri. No type information given.

bidentatus Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 344, pl. 3 figs. D-F—Seep, Boston Mountains, 9 miles southwest of Harrison, Boone Co., Arkansas. No type information given.

brachycaudus Hubricht and Mackin, 1940; *Bactrurus*
The American Midland Naturalist **23**: 201, text fig. 8—walled spring on Keifer Creek, 0.6 mile northwest of Fern Glen, St. Louis County, Missouri. Cotypes: USNM 74846, LH, JM.

dentadactylus Mackin and Hubricht, 1938; *Asellus*
The American Midland Naturalist **19**: 629, text figs. 3-6, 8—Arkansas: Jefferson Co.: small creek, 0.5 mile south of Locust. Cotypes: USNM 74841, JM, LH.

dentata Hubricht, 1943; *Synurella*
The American Midland Naturalist **29**: 693, pl. 2 figs. A-L—small spring in a barnyard near an old mansion, 2.9 miles south-southwest of Jimtown, Fayette Co., Kentucky. Cotypes: USNM 79328, LH.

dimorpha Mackin and Hubricht, 1940; *Caecidoiea* [sic!, *err. typ.* for *Caecidotea*]
Transactions of the American Microscopical Society **59**: 385, pl. 1 figs. 3, 9, pl. 2 fig. 17, pl. 3 figs. 23, 30—Seep, one-half mile south of Greenville, Wayne Co., Missouri. Cotypes: USNM 76269, JM, LH A2647.

emarginata Hubricht, 1943; *Synpleonia*
The American Midland Naturalist **29**: 707, pl. 9 figs. A-N—stream in Organ Cave, near Organ Cave Post Office, Greenbrier Co., West Virginia. Cotypes: USNM 79327, LH.

exilis Hubricht, 1943; *Stygobromus*
The American Midland Naturalist **29**: 697, pl. 4 figs. A-M—drip-pool in Mammoth Onyx Cave, 3 miles north of Horse Cave, Hart Co., Kentucky. Cotypes: USNM 79325, LH.

forbesi Hubricht and Mackin, 1940; *Eucrangonyx*
The American Midland Naturalist **23**: 196, text fig. 5—at outlet of drain (spring), Osage Hills Golf Course, Kirkwood, St. Louis County, Missouri. Cotypes: USNM 76291, LH, JM.

garmani Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 345, pl. 3 figs. J-L—temporary stream, 3.6 miles east of Cedar Springs, Cedar Co., Missouri. No type information given.

hargeri Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 339, pl. 1 figs. M-O—a spring, 2 miles south of Rogersville, Hawkins Co., Tennessee. No type information given.

hayi Hubricht and Mackin, 1940; *Synpleonia*
The American Midland Naturalist **23**: 205, text fig. 11—small spring, south end of the National Zoological Park, Washington, D.C. Cotypes: USNM 77804, LH, JM.

heteropodus Hubricht, 1943; *Stygobromus*
The American Midland Naturalist **29**: 701, pl. 5 figs. A-R—small spring under a ledge in the main valley, Pickle Springs, head of Pickle Creek, Genevieve Co., Missouri. Cotypes: USNM 79412, LH.

iowae Hubricht, 1943; *Stygobromus*
The American Midland Naturalist **29**: 703, pl. 6 figs. A-N—spring, 0.7 miles north of Fayette, Fayette Co., Iowa. Cotypes: USNM 79411, LH.

louisianae Mackin and Hubricht, 1938; *Mancasellus*
The American Midland Naturalist **19**: 634, text figs. 11, 12, 14, 16, 19—Louisiana: Natchitoches Par.: among dead leaves in a small creek below an artificial pond, property of Miss Caroline Dorman, 2 miles south of Saline. Cotypes: USNM 74843, JM, LH.

mackini Hubricht, 1943; *Stygobromus*
The American Midland Naturalist **29**: 695, pl. 3 figs. A-M—pond in Sike's Cave, 4.5 miles north of Lebanon, Russell Co., Virginia. Cotypes: USNM 79324, LH.

megapodus Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 342, pl. 2 figs. K-M—Spring, 4 miles northwest of Hogan, Iron Co., Missouri. No type information given.

montanus Mackin and Hubricht, 1938; *Asellus*
The American Midland Naturalist **19**: 630, text figs. 1, 2, 7, 9, 10—Arkansas: Scott Co.: creek, Y-City, 4 miles south of Boles. Cotypes: USNM 74842, JM, LH.

obliquus Hubricht and Mackin, 1940; *Eucrangonyx*
The American Midland Naturalist **23**: 195, text fig. 4—small creek west of the college chapel, Clarksville, Johnson County, Arkansas. Cotypes: USNM 77803, LH, JM.

occidentalis Hubricht and Harrison, 1941; *Crangonyx*
The American Midland Naturalist **26**: 331, text figs. A-L—Echo Lake, near the Seattle-Everett Highway, just south of the King County line, Washington. Cotypes: USNM 79020, LH, C. H. Harrison Collection.

oculata Mackin and Hubricht, 1940; *Caecidotea*
Transactions of the American Microscopical Society **59**: 395, pl. 1 fig. 8, pl. 2 figs. 12, 20, pl. 3 figs. 28, 31—Springs, Rich Mountain at Rich Mountain Station, Polk Co., Arkansas. Cotypes: USNM 77811, JM, LH A2654.

onondagaensis Hubricht and Mackin, 1940; *Crangonyx*
The American Midland Naturalist **23**: 202, text fig. 9—"Lily Pools" and "Wonder Room," Onondaga Cave, 5 miles southeast of Leasburg, Crawford County, Missouri. Cotypes: USNM 88700, LH, JM.

ouachitaensis Mackin and Hubricht, 1938; *Mancasellus*
The American Midland Naturalist **19**: 632, text figs. 13, 15, 17, 18, 20—Oklahoma: Leflore Co.: tributary of Kiamichi River, near Big Cedar. Cotypes: USNM 74844, JM, LH.

ozarkensis Hubricht and Mackin, 1949; *Circeus hoppinae*
The American Midland Naturalist **42**: 344—Stream at mouth of Maxey Cave, 2 miles north of Hanna, Pulaski Co., Missouri. No type information given.

packardi Mackin and Hubricht, 1940; *Caecidotea*
Transactions of the American Microscopical Society **59**: 388, pl. 1 figs. 1, 2, 4, pl. 3 figs. 29, 34—Illinois: Monroe Co.: Morrison's Cave, 2 miles south of Burksville. Cotypes: USNM 76269, JM, LH A2647.

richardsonae Hubricht and Mackin, 1949; *Circeus*
The American Midland Naturalist **42**: 340, pl. 1 figs. P-R—Outlet of drain, 1.3 miles southeast of Perryville, Wood Co., Ohio. No type information given.

shoemakeri Hubricht and Mackin, 1940; *Eucrangonyx*
The American Midland Naturalist **23**: 198, text fig. 6—temporary pools along the Potomac River, two miles west of Georgetown, District of Columbia. Cotypes: USNM 77799, LH, JM.
smithi Hubricht, 1943; *Stygobromus*
The American Midland Naturalist **29**: 703, pl. 7 figs. A-N—S. C. Roden's well, Woodstock, Bibb Co., Alabama. Cotypes: USNM 79410, LH.
spatulata Mackin and Hubricht, 1940; *Caecidotea*
Transactions of the American Microscopical Society **59**: 392, pl. 1 fig. 7, pl. 2 figs. 14, 15, pl. 3 figs. 22, 33—Illinois: St. Clair Co.: swales, one mile south of Falling Spring. Cotypes: USNM 76270, JM, LH A3525.
spinosus Hubricht and Mackin, 1940; *Crangonyx*
The American Midland Naturalist **23**: 203, text fig. 10—spring near Hawksbill Mountain, Skyline Drive, Shenandoah National Park, Madison County, Virginia. Cotypes: USNM 77808, LH, JM.
stiladactyla Mackin and Hubricht, 1940; *Caecidotea*
Transactions of the American Microscopical Society **59**: 386, pl. 1 fig. 6, pl. 2 fig. 21, pl. 3 figs. 26, 27 —Small spring on roadside three and one-half miles south of Jasper, Newton Co., Arkansas. Cotypes: USNM 77801, JM, LH A4090.
subtilis Hubricht, 1943; *Apocrangonyx*
The American Midland Naturalist **29**: 711, pl. 10 figs. A-L—small seep on the east wall of the first sandstone sink west of Bat Cave Sink, 5 miles southwest of Pomona, Jackson Co., Illinois. Cotypes: USNM 79346, LH.
trilobus Hubricht and Mackin, 1949; *Lircus*
The American Midland Naturalist **42**: 346, pl. 3 figs. M-O—Woodland pools, Girl Scout Camp, 3.2 miles south of Locust Grove, Mayes Co., Oklahoma. No type information given.
troglophilus Hubricht and Mackin, 1940; *Gammarus*
The American Midland Naturalist **23**: 189, text fig. 1—Morrison's Cave, 2 miles south of Burksville, Monroe County, Illinois. Cotypes: USNM 77798, LH, JM.

TAXA NAMED FOR LESLIE HUBRICHT

Kingdom Plantae

Amsonia hubrichtii Woodson, 1943. *Rhodora* **45**: 328. [Tracheobionta, Magnoliophyta]
Liatris pycnostachia Michaux f. *hubrichti* E. S. Anderson, 1937. *Missouri Botanical Garden Bulletin* **25**: 122. [Tracheobionta, Magnoliophyta]

Kingdom Fungi

Parmelia (*Hypotrachyna*) *hubrichtii* Berry, 1941. *Annals of the Missouri Botanical Garden* **28**: 102. [Ascomycota, Lecanoromycetes]

Kingdom Animalia

Allocrangonyx hubrichti Holsinger, 1971. *International Journal of Speleology* **3**: 324, pls. 107-109. [Arthropoda, Crustacea, Amphipoda]
Asellus hubrichti Matsumoto, 1956. *Bulletin of the Japanese Society of Scientific Fisheries* **21**: 1222, pl. 2. [Arthropoda, Crustacea, Isopoda]
Bactrurus hubrichti Shoemaker, 1945. *Journal of the Washington Academy of Sciences* **35**: 27, text fig. 2. [Arthropoda, Crustacea, Amphipoda]
Batrisodes hubrichti Park, 1958. *Journal of the Tennessee Academy of Science* **33**: 41, text fig. 1. [Arthropoda, Insecta, Coleoptera]
Brachoria hubrichti Keeton, 1959. *Proceedings of the U.S. National Museum* **109**: 33, text figs. 5g-i. [Arthropoda, Myriapoda]
Bythinopsis hubrichti Park, 1960. *The American Midland Naturalist* **64**: 67, text fig. 1. [Arthropoda, Insecta, Coleoptera]
Caecidotea lesliei Lewis and Bowman, 1981. *Smithsonian Contributions to Zoology* **335**: 25, text figs. 16, 17. [Arthropoda, Crustacea, Isopoda]
Cambala hubrichti Hoffman, 1958. *Journal of the Washington Academy of Sciences* **48**: 93. [Arthropoda, Myriapoda]
Cambarellus lesliei Fitzpatrick and Laning, 1976. *Proceedings of the Biological Society of Washington* **89**: 138, text fig. 1. [Arthropoda, Crustacea, Decapoda]
Cambarus hubrichti Hobbs, 1952. *The American Midland Naturalist* **48**: 689, text figs. 1-8. [Arthropoda, Crustacea, Decapoda]
Catinella hubrichti Grimm, 1960. *The Nautilus* **74**: 9. [Mollusca, Gastropoda]
Choctella hubrichti Hoffman, 1965. *Proceedings of the Biological Society of Washington* **78**: 55, text figs. 1-3. [Arthropoda, Myriapoda]
Comanchelus hubrichti Hoffman and Orcutt, 1960. *Proceedings of the U.S. National Museum* **111**: 129, text figs. 3, 6a-d. [Arthropoda, Myriapoda]
Georgiulus hubrichti Hoffman, 1992. *Jeffersoniana* **1**: 14, text figs. 12-14. [Arthropoda, Myriapoda]
Kleptochthonius (*Chamberlinochthonius*) *hubrichti* Muchmore, 1965. *American Museum Novitates* **2234**: 19. [Arthropoda, Chelicerata, Pseudoscorpiones]
Lithasia hubrichti Clench, 1965. *The Nautilus* **79**: 32, text fig. 1. [Mollusca, Gastropoda]
Pachydesmus crassicutis hubrichti Hoffman, 1958. *Proceedings of the U.S. National Museum* **108**: 210, text figs. 5c, d, 10a, 11a. [Arthropoda, Myriapoda]
Phaeognathus hubrichti Highton, 1961. *Copeia* **1961**: 67, text figs. 1, 2. [Chordata, Vertebrata, Amphibia]
Plethodon hubrichti Thurow, 1957. *Herpetologica* **13**: 59. [Chordata, Vertebrata, Amphibia]
Polydesmus hubrichti Chamberlin, 1943. *Entomological News* **54**: 15, text figs. 1, 2. [Arthropoda, Myriapoda]
Pseudanophthalmus hubrichti Valentine, 1948. *Geological Survey of Alabama Museum Paper* **27**: 13, pl. 17, figs. 3, 4. [Arthropoda, Insecta, Coleoptera]
Ptomaphagus hubrichti Barr, 1958. *Journal of the Tennessee Academy of Science* **33**: 170. [Arthropoda, Insecta, Coleoptera]
Radiodiscus hubrichti Branson, 1975. *The Nautilus* **89**: 47, text figs. 1a-c. [Mollusca, Gastropoda]
Speophila hubrichti Hyman, 1945. *The American Midland Naturalist* **34**: 479, text figs. 7, 8. [Platyhelminthes, Turbellaria]
Stenotrema hubrichti Pilsbry, 1940. *The Academy of Natural Sciences of Philadelphia Monographs* **3**, 2(2): 687, text fig. 423. [Mollusca, Gastropoda]
Vertigo gouldii hubrichti Pilsbry, 1934. *Manual of Conchology* (Second Series: Pulmonata) **28**: 99, pl. 22 figs. 12-14. [Mollusca, Gastropoda]

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